

# of class	Lecture	Hours	Laboratory/presentation	Quiz/exam	Homework
1	Intro of the class & Section A	2			
2	Section B	2			HW1: HomeDepot Luminaires survey
3	Section B	2	Products Demo; Case study analysis		HW1 due day
4	Section C	2	Class discussion about lighting control application;	Quiz 1: A&B	
5	Section C	2	Lighting control survey		HW2: Identify lighting control strategies in classroom, hallway, etc
6		2	PEC field trip		
7	Section D	2	Discussion of HW2		HW2 due day
8	Section E	2	Tools demo; data logger installing; data uploading and analysis	Quiz 2: C&D	HW3: Data logger data analysis report
9		2	SMUD control hands-on*		
10		2	SMUD control hands-on*		
11	Section F	2	Excel hands on – calculation of energy savings		
12	Section G_H	2	Excel analysis		HW3 due day
13	Presentation	2			Present EEM and lighting design, energy saving calculation, cost and financial analysis
14	Presentation	2			
15	Final exam	2		Final exam	

Notes: \*SMUD control workshop is a whole day training class at Sacramento.

Scoring (100% in total):

Participation: 10%

Quiz: 10%

Homework: 20%

Final exam: 30%

Presentation: 30%

More than 60% will pass.

# BEST Center Curricula, Resources & Recordings

## Academic Programs

Georgia Piedmont Technical College - Building Automation Systems

Milwaukee Area Technical College - Sustainable Facilities Operations

Laney College - Commercial HVAC Systems

City College San Francisco - Commercial Building Energy Analysis & Audits

## Professional Development Materials, Presentations & Videos

National Institutes

Building Automation Systems Instructor Workshops

Webinars (e.g., BEST Talks)

## Faculty Profile Videos

## Reports & Case Studies

## Marketing Resources

© 2013-2025 by BEST Center: NSF National Center for Building Technician Education is licensed under Creative Commons Attribution-Non Commercial (CC BY-NC) 4.0 International.

To view a copy of this license, visit <https://creativecommons.org/licenses/by-nc/4.0/>

 CC BY-NC 4.0

# Attribution-NonCommercial 4.0

